

Sasan Zandi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

3,264
citations

19
h-index

40
g-index

40
ext. papers

3,850
ext. citations

9.5
avg, IF

4.37
L-index

#	Paper	IF	Citations
39	A latent subset of human hematopoietic stem cells resists regenerative stress to preserve stemness. <i>Nature Immunology</i> , 2021 , 22, 723-734	19.1	1
38	The Transition from Quiescent to Activated States in Human Hematopoietic Stem Cells Is Governed by Dynamic 3D Genome Reorganization. <i>Cell Stem Cell</i> , 2021 , 28, 488-501.e10	18	11
37	Cellular and molecular architecture of hematopoietic stem cells and progenitors in genetic models of bone marrow failure. <i>JCI Insight</i> , 2020 , 5,	9.9	4
36	Resolution of celiac disease, IgA deficiency and platelet refractoriness after allogeneic bone marrow transplantation for acute leukemia. <i>Haematologica</i> , 2019 , 104, e121-e123	6.6	
35	A stemness screen reveals as a promoter of human leukemia stem cell latency. <i>Blood</i> , 2019 , 133, 2198-2211		14
34	Truncating Erythropoietin Receptor Rearrangements in Acute Lymphoblastic Leukemia. <i>Cancer Cell</i> , 2016 , 29, 186-200	24.3	92
33	Distinct routes of lineage development reshape the human blood hierarchy across ontogeny. <i>Science</i> , 2016 , 351, aab2116	33.3	445
32	CD200 Is a Marker of LSC Activity in Acute Myeloid Leukemia. <i>Blood</i> , 2016 , 128, 1705-1705	2.2	1
31	Chromatin Accessibility Identifies CTCF As a Gatekeeper of Stemness Functions in Human Hematopoietic Development. <i>Blood</i> , 2016 , 128, 3873-3873	2.2	
30	Sphingolipids Regulate Myeloid-Erythroid Fate Determination in Human Hematopoiesis. <i>Blood</i> , 2016 , 128, 3865-3865	2.2	
29	CDK6 levels regulate quiescence exit in human hematopoietic stem cells. <i>Cell Stem Cell</i> , 2015 , 16, 302-318		158
28	Efficacy of Retinoids in IKZF1-Mutated BCR-ABL1 Acute Lymphoblastic Leukemia. <i>Cancer Cell</i> , 2015 , 28, 343-56	24.3	114
27	Aging, clonal hematopoiesis and preleukemia: not just bad luck?. <i>International Journal of Hematology</i> , 2015 , 102, 513-22	2.3	24
26	The Human Blood Hierarchy Is Shaped By Distinct Progenitor Lineages Across Development. <i>Blood</i> , 2015 , 126, 2360-2360	2.2	
25	Distinct Regulatory Networks Govern Human Hematopoietic Stem Cell Across Development. <i>Blood</i> , 2015 , 126, 2375-2375	2.2	
24	Identification of pre-leukaemic haematopoietic stem cells in acute leukaemia. <i>Nature</i> , 2014 , 506, 328-335	50.4	1011
23	The evolution of cellular deficiency in GATA2 mutation. <i>Blood</i> , 2014 , 123, 863-74	2.2	153

22	Identification of genes expressed by immune cells of the colon that are regulated by colorectal cancer-associated variants. <i>International Journal of Cancer</i> , 2014 , 134, 2330-41	7.5	28
21	Engraftment Patterns in NOD.SCID Mice Predict Outcome in Human AML. <i>Blood</i> , 2014 , 124, 16-16	2.2	
20	The transcriptional architecture of early human hematopoiesis identifies multilevel control of lymphoid commitment. <i>Nature Immunology</i> , 2013 , 14, 756-63	19.1	145
19	DNMT3a Mutations Define a Pre-Leukemic Stem Cell Reservoir In Human Acute Myeloid Leukemia. <i>Blood</i> , 2013 , 122, 487-487	2.2	4
18	Gene deregulation and chronic activation in natural killer cells deficient in the transcription factor ETS1. <i>Immunity</i> , 2012 , 36, 921-32	32.3	102
17	p38 Mitogen-activated protein kinase/signal transducer and activator of transcription-3 pathway signaling regulates expression of inhibitory molecules in T cells activated by HIV-1-exposed dendritic cells. <i>Molecular Medicine</i> , 2012 , 18, 1169-82	6.2	34
16	Single-cell analysis of early B-lymphocyte development suggests independent regulation of lineage specification and commitment in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 15871-6	11.5	28
15	Deep Phenotypic Characterization of Primitive Stem and Progenitor Compartments Reveals the Cellular Architecture of Aplastic Anemia.. <i>Blood</i> , 2012 , 120, 2370-2370	2.2	
14	A dose-dependent role for EBF1 in repressing non-B-cell-specific genes. <i>European Journal of Immunology</i> , 2011 , 41, 1787-93	6.1	27
13	Molecular and Functional Characterization of Early Lineage Commitment of Human Hematopoietic Stem Cells. <i>Blood</i> , 2011 , 118, 907-907	2.2	
12	Load and lock: the molecular mechanisms of B-lymphocyte commitment. <i>Immunological Reviews</i> , 2010 , 238, 47-62	11.3	15
11	Interleukin-7-induced Stat-5 acts in synergy with Flt-3 signaling to stimulate expansion of hematopoietic progenitor cells. <i>Journal of Biological Chemistry</i> , 2010 , 285, 36275-84	5.4	16
10	Functionally distinct hematopoietic stem cells modulate hematopoietic lineage potential during aging by a mechanism of clonal expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 5465-70	11.5	448
9	Single-cell analysis of the common lymphoid progenitor compartment reveals functional and molecular heterogeneity. <i>Blood</i> , 2010 , 115, 2601-9	2.2	92
8	Genomics based analysis of interactions between developing B-lymphocytes and stromal cells reveal complex interactions and two-way communication. <i>BMC Genomics</i> , 2010 , 11, 108	4.5	7
7	Temporal and Sequential Expression of EBF1 and PAX5 Restricts the Non-B Cell Fate In Early Lymphopoiesis. <i>Blood</i> , 2010 , 116, 3867-3867	2.2	
6	The Road to Commitment: Lineage Restriction Events in Hematopoiesis 2009 , 23-46		2
5	EBF1 is essential for B-lineage priming and establishment of a transcription factor network in common lymphoid progenitors. <i>Journal of Immunology</i> , 2008 , 181, 3364-72	5.3	102

4	B-lineage commitment prior to surface expression of B220 and CD19 on hematopoietic progenitor cells. <i>Blood</i> , 2008 , 112, 1048-55	2.2	62
3	IL7 Counteraction with Notch Signaling Followed by EBF1 Expression Marks the B-Cell Commitment in CLP Stage. <i>Blood</i> , 2008 , 112, 2452-2452	2.2	
2	Ectopic expression of PAX5 promotes maintenance of biphenotypic myeloid progenitors coexpressing myeloid and B-cell lineage-associated genes. <i>Blood</i> , 2007 , 109, 3697-705	2.2	24
1	Cytokines regulate postnatal hematopoietic stem cell expansion: opposing roles of thrombopoietin and LNK. <i>Genes and Development</i> , 2006 , 20, 2018-23	12.6	98